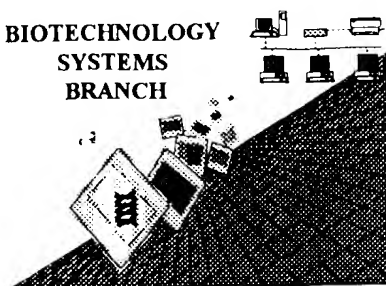


## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



TECH CENTER 1600/2900

NOV 13 2001

RECEIVED

11-26-01

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/581,528  
Source: O/P E  
Date Processed by STIC: 9/21/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 09/581,528

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics  
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino  
Numbering The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0  
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences  
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences  
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9 Use of n's or Xaa's  
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>  
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0  
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

## RAW SEQUENCE LISTING

DATE: 09/21/2001

PATENT APPLICATION: US/09/581,528

TIME: 18:15:30

Input Set : A:\P19743.SL1.txt

Output Set: N:\CRF3\09212001\I581528.raw

3 <110> APPLICANT: TAKEDA, Masatoshi  
 4 TAKEDA, Junji  
 6 <120> TITLE OF INVENTION: Gene Mutant Animals  
 8 <130> FILE REFERENCE: P19743  
 10 <140> CURRENT APPLICATION NUMBER: 09/581,528  
 11 <141> CURRENT FILING DATE: 1999-01-07  
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00015  
 14 <151> PRIOR FILING DATE: 1999-01-07  
 16 <160> NUMBER OF SEQ ID NOS: 17  
 18 <170> SOFTWARE: PatentIn version 3.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 467  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Human  
 25 <400> SEQUENCE: 1  
 27 Met Thr Glu Leu Pro Ala Asx Leu Ser Tyr Phe Gln Asn Ala Gln Met  
 28 1 5 10 15  
 30 Ser Glu Asp Asn His Leu Ser Asn Thr Val Arg Ser Gln Asn Asp Asn  
 31 20 25 30  
 33 Arg Glu Arg Gln Glu His Asn Asp Arg Arg Ser Leu Gly His Pro Glu  
 34 35 40 45  
 36 Pro Leu Ser Asn Gly Arg Pro Gln Gly Asn Ser Arg Gln Val Val Glu  
 37 50 55 60  
 39 Gln Asp Glu Glu Glu Asp Glu Glu Leu Thr Leu Lys Tyr Gly Ala Lys  
 40 65 70 75 80  
 42 His Val Ile Met Leu Phe Val Pro Val Thr Leu Cys Met Val Val Val  
 43 85 90 95  
 45 Val Ala Thr Ile Lys Ser Val Ser Phe Tyr Thr Arg Lys Asp Gly Gln  
 46 100 105 110  
 48 Leu Ile Tyr Thr Pro Phe Thr Glu Asp Thr Glu Thr Val Gly Gln Arg  
 49 115 120 125  
 51 Ala Leu His Ser Ile Leu Asn Ala Ala Ile Met Ile Ser Val Ile Val  
 52 130 135 140  
 54 Val Met Thr Ile Leu Leu Val Val Leu Tyr Lys Tyr Arg Cys Tyr Lys  
 55 145 150 155 160  
 57 Val Ile His Ala Trp Leu Ile Ile Ser Ser Leu Leu Leu Phe Phe  
 58 165 170 175  
 60 Phe Ser Phe Ile Tyr Leu Gly Glu Val Phe Lys Thr Tyr Asn Val Ala  
 61 180 185 190  
 63 Val Asp Tyr Ile Thr Val Ala Leu Leu Ile Trp Asn Phe Gly Val Val  
 64 195 200 205  
 66 Gly Met Ile Ser Ile His Trp Lys Gly Pro Leu Arg Leu Gln Gln Ala  
 67 210 215 220  
 69 Tyr Leu Ile Met Ile Ser Ala Leu Met Ala Leu Val Phe Ile Lys Tyr  
 70 225 230 235 240  
 72 Leu Pro Glu Trp Thr Ala Trp Leu Ile Leu Ala Val Ile Ser Val Tyr  
 73 245 250 255

PS  
 Does Not Comply  
 Corrected Diskette Needed

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/581,528

DATE: 09/21/2001

TIME: 18:15:30

Input Set : A:\P19743.SL1.txt

Output Set: N:\CRF3\09212001\I581528.raw

```

75 Asp Leu Asp Ala Val Leu Cys Pro Lys Gly Pro Leu Arg Met Leu Val
76          260          265          270
78 Glu Thr Ala Gln Glu Arg Asn Glu Thr Leu Phe Pro Ala Leu Ile Tyr
79          275          280          285
81 Ser Ser Thr Met Val Trp Leu Val Asn Met Ala Glu Gly Asp Pro Glu
82          290          295          300
84 Ala Gln Arg Arg Val Ser Lys Asn Ser Lys Tyr Asn Ala Glu Ser Thr
85 305          310          315          320
87 Glu Arg Glu Ser Gln Asp Thr Val Ala Glu Asn Asp Asp Gly Gly Phe
88          325          330          335
90 Ser Glu Glu Trp Glu Ala Gln Arg Asp Ser His Leu Gly Pro His Arg
91          340          345          350
93 Ser Thr Pro Glu Ser Arg Ala Ala Val Gln Glu Leu Ser Ser Ser Ile
94          355          360          365
96 Leu Ala Gly Glu Asp Pro Glu Glu Arg Gly Val Lys Leu Gly Leu Gly
97          370          375          380
99 Asp Phe Ile Phe Tyr Ser Val Leu Val Gly Lys Ala Ser Ala Thr Ala
100 385          390          395          400
102 Ser Gly Asp Trp Asn Thr Thr Ile Ala Cys Phe Val Ala Ile Leu Ile
103          405          410          415
105 Gly Leu Cys Leu Thr Leu Leu Leu Leu Ala Ile Phe Lys Lys Ala Leu
106          420          425          430
108 Pro Ala Leu Pro Ile Ser Ile Thr Phe Gly Leu Val Phe Tyr Phe Ala
109          435          440          445
111 Thr Asp Tyr Leu Val Gln Pro Phe Met Asp Gln Leu Ala Phe His Gln
112          450          455          460
114 Phe Tyr Ile
115 465

```

117 &lt;210&gt; SEQ ID NO: 2

118 &lt;211&gt; LENGTH: 1404

119 &lt;212&gt; TYPE: DNA

120 &lt;213&gt; ORGANISM: Human

122 &lt;400&gt; SEQUENCE: 2

```

123 atgacagagt tacctgcacc gttgtcctac ttccagaatg cacagatgtc tgaggacaac      60
125 cacctgagca atactgtacg tagccagaat gacaatagag aacggcagga gcacaacgac      120
127 agacggagcc ttggccaccc tgagccatta tctaattggac gaccccaggg taactcccgg      180
129 caggtggtgg agcaagatga ggaagaagat gaggagctga cattgaaata tggcgccaag      240
131 catgtgatca tgctctttgt ccctgtgact ctctgcatgg tgggtggtcgt ggctactatt      300
133 aagtcagtcg gctttttatc ccggaaggat gggcagctaa tctatacccc attcacagaa      360
135 gataccgaga ctgtgggcca gagagccctg cactcaattc tgaatgctgc catcatgac      420
137 agtgtcattg ttgtcatgac tatcctcctg gtggttctgt ataaatacag gtgctataag      480
139 gtcattccatg cctggcttat tatatcatct ctattgttgc tgttcttttt ttcattcatt      540
141 tacttggggg aagtgtttta aacctataac gttgctgtgg actacattac tgttgactc      600
143 ctgatctgga attttggtgt ggtgggaatg atttccattc actggaaagg tccacttcga      660
145 ctccagcagg catatctcat tatgattagt gccctcatgg ccctgggtgt tatcaagtac      720
147 ctccctgaat ggactgcgtg gctcatcttg gctgtgattt cagtatatga tttagtggct      780
149 gttttgtgtc cgaaagggtc acttcgtatg ctggttgaaa cagctcagga gagaaatgaa      840
151 acgctttttc cagctctcat ttactcctca acaatggtgt ggttggtgaa tatggcagaa      900
153 ggagaccgag aagctcaaag gagagtatcc aaaaattcca agtataatgc agaaagcaca      960

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/581,528

DATE: 09/21/2001

TIME: 18:15:30

Input Set : A:\P19743.SL1.txt

Output Set: N:\CRF3\09212001\I581528.raw

```

155 gaaagggagt cacaagacac tgttgcagag aatgatgatg gcgggttcag tgaggaatgg 1020
157 gaagcccaga gggacagtca tctagggcct catcgctcta cacctgagtc acgagctgct 1080
159 gtccaggaac tttccagcag tatcctcgct ggtgaagacc cagaggaaag gggagtaaaa 1140
161 cttggattgg gagatttcat tttctacagt gttctgggtg gtaaagcctc agcaacagcc 1200
163 agtggagact ggaacacaac catagcctgt ttctagacca tattaattgg tttgtgcctt 1260
165 acattattac tccttgccat tttcaagaaa gcattgccag ctcttccaat ctccatcacc 1320
167 tttgggcttg ttttctactt tgccacagat tatcttgtac agccttttat ggaccaatta 1380
169 gcattccatc aattttatat ctag 1404
172 <210> SEQ ID NO: 3
173 <211> LENGTH: 467
174 <212> TYPE: PRT
175 <213> ORGANISM: Mouse
177 <400> SEQUENCE: 3
179 Met Thr Glu Ile Pro Ala Pro Leu Ser Tyr Phe Gln Asn Ala Gln Met
180 1 5 10 15
182 Ser Glu Asp Ser His Ser Ser Ser Ala Ile Arg Ser Gln Asn Asp Ser
183 20 25 30
185 Glu Glu Arg Gln Gln Gln His Asp Arg Gln Arg Leu Asp Asn Pro Glu
186 35 40 45
188 Pro Ile Ser Asn Gly Arg Pro Gln Ser Asn Ser Arg Gln Val Val Glu
189 50 55 60
191 Gln Asp Glu Glu Glu Asp Glu Glu Leu Thr Leu Lys Tyr Gly Ala Lys
192 65 70 75 80
194 His Val Ile Met Leu Phe Val Pro Val Thr Leu Cys Met Val Val Val
195 85 90 95
197 Val Ala Thr Ile Lys Ser Val Ser Phe Tyr Thr Arg Lys Asp Gly Gln
198 100 105 110
200 Leu Ile Tyr Thr Pro Phe Thr Glu Asp Thr Glu Thr Val Gly Gln Arg
201 115 120 125
203 Ala Leu His Ser Ile Leu Asn Ala Ala Ile Met Ile Ser Val Ile Val
204 130 135 140
206 Ile Met Thr Ile Leu Leu Val Val Leu Tyr Lys Tyr Arg Cys Tyr Lys
207 145 150 155 160
209 Val Ile His Ala Trp Leu Ile Ile Ser Ser Leu Leu Leu Phe Phe
210 165 170 175
212 Phe Ser Phe Ile Tyr Leu Gly Glu Val Phe Lys Thr Tyr Asn Val Ala
213 180 185 190
215 Val Asp Tyr Val Thr Val Ala Leu Leu Ile Trp Asn Phe Gly Val Val
216 195 200 205
218 Gly Met Ile Ala Ile His Trp Lys Gly Pro Leu Arg Leu Gln Gln Ala
219 210 215 220
221 Tyr Leu Ile Met Ile Ser Ala Leu Met Ala Leu Val Phe Ile Lys Tyr
222 225 230 235 240
224 Leu Pro Glu Trp Thr Ala Trp Leu Ile Leu Ala Val Ile Ser Val Tyr
225 245 250 255
227 Asp Leu Val Ala Val Leu Cys Pro Lys Gly Pro Leu Arg Met Leu Val
228 260 265 270
230 Glu Thr Ala Gln Glu Arg Asn Glu Thr Leu Phe Pro Ala Leu Ile Tyr
231 275 280 285

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/581,528

DATE: 09/21/2001

TIME: 18:15:30

Input Set : A:\P19743.SL1.txt

Output Set: N:\CRF3\09212001\I581528.raw

```

233 Ser Ser Thr Met Val Trp Leu Val Asn Met Ala Glu Gly Asp Pro Glu
234      290      295      300
236 Ala Glu Arg Arg Val Pro Lys Asn Pro Lys Tyr Asn Thr Gln Arg Ala
237 305      310      315      320
239 Glu Arg Glu Thr Gln Asp Ser Gly Ser Gly Asn Asp Asp Gly Gly Phe
240      325      330      335
242 Ser Glu Glu Trp Glu Ala Gln Arg Asp Ser His Leu Gly Pro His Arg
243      340      345      350
245 Ser Thr Pro Glu Ser Arg Ala Ala Val Gln Glu Leu Ser Gly Ser Ile
246      355      360      365
248 Leu Thr Ser Glu Asp Pro Glu Glu Arg Gly Val Lys Leu Gly Leu Gly
249      370      375      380
251 Asp Phe Ile Phe Tyr Ser Val Leu Val Gly Lys Ala Ser Ala Thr Ala
252 385      390      395      400
254 Ser Gly Asp Trp Asn Thr Thr Ile Ala Cys Phe Val Ala Ile Leu Ile
255      405      410      415
257 Gly Leu Cys Leu Thr Leu Leu Leu Leu Ala Ile Phe Lys Lys Ala Leu
258      420      425      430
260 Pro Ala Leu Pro Ile Ser Ile Thr Phe Gly Leu Val Phe Tyr Phe Ala
261      435      440      445
263 Thr Asp Tyr Leu Val Gln Pro Phe Met Asp Gln Leu Ala Phe His Gln
264      450      455      460
266 Phe Tyr Ile
267 465
269 <210> SEQ ID NO: 4
270 <211> LENGTH: 1404
271 <212> TYPE: DNA
272 <213> ORGANISM: Mouse
274 <400> SEQUENCE: 4
275 atgacagaga tacctgcacc ttgtcctac ttccagaatg cccagatgtc tgaggacagc      60
277 cactccagca gcgccatccg gagccagaat gacagccaag aacggcagca gcagcatgac      120
279 aggcagagac ttgacaaccc tgagccaata tctaattgggc ggccccagag taactcaaga      180
281 caggtggtgg aacaagatga ggaggaagac gaagagctga cattgaaata tggagccaag      240
283 catgtcatca tgcctcttgt ccccgtagac ctctgcatgg tcgtcgtcgt gccaccatc      300
285 aaatcagtca gcttctatac ccggaaggac ggtagctaa tctacacccc attcacagaa      360
287 gacactgaga ctgtaggcca aagagccctg cactcgatcc tgaatgcggc catcatgatc      420
289 agtgtcattg tcattatgac catcctcctg gtggtcctgt ataaatacag gtgctacaag      480
291 gtcatccacg cctggcttat tatttcatt ctggtgttgc tgttcttttt ttcgttcatt      540
293 tacttagggg aagtatttaa gacctacaat gtgcgcgtgg actacgttac agtagcactc      600
295 ctaatctgga attttggtgt ggtcgggatg attgccatcc actggaaagg ccccttcga      660
297 ctgcagcagg cgtatctcat tatgatcagt gccctcatgg ccttggtatt tatcaagtac      720
299 ctccccgaat ggaccgcatg gctcatcttg gctgtgattt cagtatatga tttggtggct      780
301 gttttatgtc ccaaaggccc acttcgtatg ctggttgaaa cagctcagga aagaaatgag      840
303 actctctttc cagctcttat ctattcctca acaatggtgt ggttggtgaa tatggctgaa      900
305 ggagaccagc aagcccaaaag gagggtagcc aagaacccca agtataacac acaaagagcg      960
307 gagagagaga cacaggacag tggttctggg aacgatgatg gtggcttcag tgaggagtgg      1020
309 gagggccaaa gagacagtca cctggggcct catcgctcca ctcccgagtc aagagctgct      1080
311 gtccaggaac tttctgggag cattctaacg agtgaagacc cggaggaaag aggagtaaaa      1140
313 ctgggactgg gagatttcat tttctacagt gttctggttg gtaaggcctc agcaaccgcc      1200

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/581,528

DATE: 09/21/2001

TIME: 18:15:30

Input Set : A:\P19743.SL1.txt

Output Set: N:\CRF3\09212001\I581528.raw

315 agtggagact ggaacacaaac catagcctgc tttgtagcca tactgatcgg cctgtgcctt 1260  
 317 acattactcc tgctcgccat tttcaagaaa gcgttgccag cctccccat ctccatcacc 1320  
 319 ttcgggctcg tgttctactt cgccacggat taccttgtgc agcccttcac ggaccaactt 1380  
 321 gcattccatc agttttatat ctag 1404  
 324 <210> SEQ ID NO: 5  
 325 <211> LENGTH: 25  
 326 <212> TYPE: DNA  
 C--> 327 <213> ORGANISM: Artificial  
 329 <220> FEATURE:  
 330 <223> OTHER INFORMATION: Artificial Sequence  
 332 <400> SEQUENCE: 5  
 333 ggaatttttg tgtggtcggg atgat  
 336 <210> SEQ ID NO: 6  
 337 <211> LENGTH: 23  
 338 <212> TYPE: DNA  
 C--> 339 <213> ORGANISM: Artificial  
 341 <220> FEATURE:  
 342 <223> OTHER INFORMATION: Artificial Sequence  
 344 <400> SEQUENCE: 6  
 345 ggtccattcg gggaggtact tga  
 348 <210> SEQ ID NO: 7  
 349 <211> LENGTH: 36  
 350 <212> TYPE: DNA  
 C--> 351 <213> ORGANISM: Artificial  
 353 <220> FEATURE:  
 354 <223> OTHER INFORMATION: Artificial Sequence  
 356 <400> SEQUENCE: 7  
 357 tgtggtcggg atgatcgcca cccactggaa aggccc 36  
 360 <210> SEQ ID NO: 8  
 361 <211> LENGTH: 36  
 362 <212> TYPE: DNA  
 C--> 363 <213> ORGANISM: Artificial  
 365 <220> FEATURE:  
 366 <223> OTHER INFORMATION: Artificial Sequence  
 368 <400> SEQUENCE: 8  
 369 gggcctttcc agtgggtggc gatcatcccg accaca 36  
 372 <210> SEQ ID NO: 9  
 373 <211> LENGTH: 18  
 374 <212> TYPE: DNA  
 C--> 375 <213> ORGANISM: Artificial  
 377 <220> FEATURE:  
 378 <223> OTHER INFORMATION: Artificial Sequence  
 380 <400> SEQUENCE: 9  
 381 tctagacggc cgtctaga 18  
 384 <210> SEQ ID NO: 10  
 385 <211> LENGTH: 18  
 386 <212> TYPE: DNA  
 C--> 387 <213> ORGANISM: Artificial  
 389 <220> FEATURE:

insufficient response-give  
 source of genetic material-  
 25

see  
 item 11 on  
 Error  
 23 Summary  
 sheet

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/581,528

DATE: 09/21/2001

TIME: 18:15:31

Input Set : A:\P19743.SL1.txt

Output Set: N:\CRF3\09212001\I581528.raw

L:327 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:339 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:351 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:363 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:375 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:387 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:399 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:411 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:423 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:435 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:447 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:459 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16  
L:471 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17